

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/08706

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01D 57/02, 59/42, 59/50, 61,58; C02F 1/469; C08F 2/58; C25B 15/00, 7/00; G01F 1/64; G01L 1/20, 9/18;
G01N 27/26
US CL : 204/450, 600

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 204/450, 600

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,132,685 A (KERCSO et al) 17 October 2000 (17.10.2000) column 1, lines 38-57; column 5, line 51 - column 6, line 22; column 7 line 7 - column 18, line 26.	1 ----- 2
X --- Y	US 6,251,691 B1 (SEUL) 26 June 2001 (26.06.2001) all. Same Inventor as Applicant.	1-35 ----- 1-35
X,P --- Y,P	US 6,358,387 B1 (KOPF-SILL et al) 19 March 2002 (19.03.2002); Figure 7A, 7B, 13, 14, 15; all.	1-2 ----- 1-35
X,P --- Y,P	US 6,387,707 B1 (SEUL et al) 14 May 2002 (14.05.2002); all. Same Inventor as Applicant.	1-35 ----- 1-35

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

30 May 2002 (30.05.2002)

Date of mailing of the international search report

08 JUL 2002

Name and mailing address of the ISA/US

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,015,452 A (MATJEVIC) 14 May 1991 (14.05.1991) all.	1-35 ----- 1-35
X --- Y	US 6,120,666 A (JACOBSON et al) 19 September 2000 (19.09.2000); all.	1-35 ----- 1-35
X --- Y	US 5,308,586 A (FRITSCHKE et al) 3 May 1994 (03.05.1994); all.	1-2 ----- 1-2
X --- Y	US 6,136,171 A (FRAZIER et al) 24 October 2000 (24.10.2000); all.	1-35 ----- 1-35

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Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: light, control, electrokinetic, fractionate, particle